GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA

UNSTARRED QUESTION NO:906
ANSWERED ON:28.04.2016
Contribution of Renewable Energy
Singh Shri Dushyant

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) the expected contribution of renewable energy in the energy mix of India by 2020 as per the National Action Plan on Climate Change (NAPCC);

(b) the State-wise details of the present contribution of the renewable energy in their respective energy mix;

(c) whether the present contribution is in accordance with NAPCC;

(d) if so, the details thereof and if not, the reasons therefor; and

(e) the steps taken by the Government to ensure the compliance with Renewable Purchase Obligation in sync with the norms of NAPCC?

Answer

THE MINISTER OF STATE FOR POWER, COAL & NEW AND RENEWABLE ENERGY (INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)

(a): The National Action Plan on Climate Change (NAPCC) suggests that starting 2009-10, the national renewables standard may be set at 5 percent of total grid's purchase, to be increased by 1 percent each year for 10 years, there by reaching 15 percent share of renewable power in total electricity mix by the year 2020.

(b),(c)&(d): As per the Central Electricity Authority, share of renewable energy in the electricity mix in the year 2014-15 was 7.16 percent. This was less than the share as suggested under NAPCC.
State-wise renewable energy contribution in the electricity mix for the 2014-15 is given at Annexure.
The share of renewable energy in electricity mix will go up as more renewable energy projects get commissioned.

(e): The revised Tariff Policy notified by the Government of India on 28 January 2016 has many provisions to increase share of renewable energy in the electricity mix. These include: a) provision for 8 percent or as notified solar RPO by the year 2022; and b) provision for Renewable Generation Obligation on new coal/lignite based thermal plants. Further, under Ujwal Discom Assurance Yojana (UDAY) scheme, RPO compliance has been put as a condition for support to the states.
******